**Lab Rubric- Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Lab \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Score \_\_\_\_Date \_\_\_\_\_**

|  | **Levels of Achievement** | | | |
| --- | --- | --- | --- | --- |
| **Criteria** | **Novice** | **Competent** | **Proficient** | **Distinguished** |
| **Purpose**  **Weight 10.00%** | **50 %**  The purpose of the lab or the question to be answered during the lab is erroneous or irrelevant. | **70 %**  The purpose of the lab or the question to be answered during the lab is partially identified, and is stated in a somewhat unclear manner | **80 %**  The purpose of the lab or the question to be answered during the lab is identified, but is stated in a somewhat unclear manner. | **100 %**  The purpose of the lab or the question to be answered during the lab is clearly identified and stated. |
| **Procedure**  **Weight 20.00%** | **50 %**  Procedures do not accurately list the steps of the experiment. | **70 %**  Procedures are listed but are not in a logical order or are difficult to follow. | **80 %**  Procedures are listed in a logical order, but steps are not numbered and/or are not in complete sentences. | **100 %**  Procedures are listed in clear steps. Each step is numbered and is a complete sentence. |
| **Data**  **Weight 25.00%** | **50 %**  Data are not shown OR are inaccurate. | **70 %**  Accurate representation of the data in written form, but no graphs or tables are presented. | **80 %**  Accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled. | **100 %**  Professional looking and accurate representation of the data in tables and/or graphs. Graphs and tables are labeled and titled. |
| **Calculations**  **Weight 25.00%** | **50 %**  No calculations are shown OR results are inaccurate or mislabeled. | **70 %**  Some calculations are shown and the results labeled appropriately. | **80 %**  Some calculations are shown and the results are correct and labeled appropriately. | **100 %**  All calculations are shown and the results are correct and labeled appropriately. |
| **Conclusion**  **Weight 20.00%** | **50 %**  No conclusion was included in the report OR shows little effort and reflection. | **70 %**  Conclusion includes what was learned from the experiment. | **80 %**  Conclusion includes whether the findings supported the hypothesis and what was learned from the experiment. | **100 %**  Conclusion includes whether the findings supported the hypothesis, possible sources of error, and what was learned from the experiment. |